

Title (en)  
REAL-TIME DYNAMIC DATA VALIDATION APPARATUS, SYSTEM, PROGRAM CODE, COMPUTER READABLE MEDIUM, AND METHODS FOR INTELLIGENT FIELDS

Title (de)  
VORRICHTUNG FÜR DYNAMISCHE ECHTZEIT-DATENVALIDIERUNG, SYSTEM, PROGRAMMCODE, COMPUTERLESBARES MEDIUM UND VERFAHREN FÜR INTELLIGENTE FELDER

Title (fr)  
APPAREIL, SYSTÈME, CODE DE PROGRAMME, SUPPORT LISIBLE PAR ORDINATEUR ET PROCÉDÉS DE VALIDATION DE DONNÉES DYNAMIQUES EN TEMPS RÉEL POUR CHAMPS INTELLIGENTS

Publication  
**EP 2798147 A2 20141105 (EN)**

Application  
**EP 12821357 A 20121231**

Priority  
• US 201161582350 P 20111231  
• US 2012072274 W 20121231

Abstract (en)  
[origin: US2013173167A1] Methods for managing an intelligent field, are provided. An exemplary method can include receiving real-time dynamic field data, analyzing validity of the dynamic field data, validating values of the field data, validating a state/condition of a well, and flagging well components, well conditions, and/or well state validation issues.

IPC 8 full level  
**E21B 43/00** (2006.01)

CPC (source: EP US)  
**E21B 43/32** (2013.01 - EP US); **G01V 9/00** (2013.01 - US); **G06F 17/00** (2013.01 - US); **E21B 7/068** (2013.01 - US); **E21B 49/00** (2013.01 - US); **G01V 1/40** (2013.01 - US); **G01V 1/46** (2013.01 - US); **G01V 1/48** (2013.01 - US); **G01V 1/50** (2013.01 - US); **G01V 9/007** (2013.01 - US); **G01V 9/02** (2013.01 - US); **G01V 11/002** (2013.01 - US); **G01V 2210/72** (2013.01 - US)

Citation (search report)  
See references of WO 2013102192A2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**US 2013173167 A1 20130704; US 9671524 B2 20170606**; CA 2858100 A1 20130704; CA 2858100 C 20181023; CN 104093931 A 20141008; CN 104093931 B 20170725; EP 2798147 A2 20141105; EP 2798147 B1 20190327; US 2013173168 A1 20130704; US 9268057 B2 20160223; WO 2013102192 A2 20130704; WO 2013102192 A3 20140327; WO 2013102192 A8 20140717

DOCDB simple family (application)  
**US 201213731238 A 20121231**; CA 2858100 A 20121231; CN 201280065604 A 20121231; EP 12821357 A 20121231; US 2012072274 W 20121231; US 201213731257 A 20121231